

8000 D Vocarb

Powerful filtration for airborne chemicals



Special carbon blend captures light weight airborne chemicals VOCs

Carbon filter

- 36 lbs. of granulated activated carbon
- Refillable deep bed carbon canister

Pre-filter

- Traps larger particles to prolong the life of the HEPA and carbon filters
- Easily changeable, can be changed in less than 30 seconds

Anti- microbial filters

- Prevents build up of bacteria around the carbon beds

Added Features

- All metal housing to prevent off-gassing
- 4 casters for easy maneuverability
- Cost effective; 110 volts, 1.3 amps, 1.3 HP

400 cubic feet per minute

- 3 speed-fan is effective for up to 1500 square feet
- Changes air every 30 minutes

Eliminates VOCs often found in the home:

- Formaldehyde
- Ammonia
- Sulfur dioxide
- Mold Toxins
- Methylene chloride
- Toluene
- Tobacco smoke

Traps particles:

- Pollen
- Dust
- Dust mites
- Pet dander

Adsorb Chemicals, gasses and Odors:

- Airborne chemicals
- Mold toxins
- Paint fumes
- Cleaners
- Solvents
- Furniture glue
- Carpets
- Plastics
- Insulation materials
- Printer emissions
- Cigarette smoke



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Weightt: 40 lbs.

Cost effective chemical abatement in a convenient format

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☐ ☐ **Impregnated activated carbon bed alleviates environments with Volatile Organic Compounds (VOC)**

The EPA identifies indoor air quality as the number one pollution problem we have today.

We spend up to 90% of each day indoors, and half of that time is in our own home.

Most domestic purifiers only protect you from particles. They spray a few grams of carbon on mesh, but that's simply not enough to protect you from the hazardous effects of gasses odors and chemicals.

Impregnated activated carbon is the material the military uses for their gas masks.

An effective air purifier increases the quality of your life, so invest in an AllerAir unit today.

Facts about VOCs

- The EPA has found that levels of VOCs are 2 to 3 times higher than they originally believed.
- Many VOCs are known carcinogens.
- Everyday household products which contain VOCs include:
 - Paint, wood preservatives and solvents
 - Aerosol spray
 - Disinfectant. Moth repellent and air freshener
 - Hobby supplies
 - Fuels and automotive products
 - Dry-cleaned clothing
- Even when these products are stored, they continue to emit VOCs.
- Upon the use of these products, VOC levels are up to 500 times higher than usual.

Dangerous health effects associated with exposure to VOCs

- Eye, nose and throat irritation.
- Headaches, nausea and diminished coordination.
- Liver, kidney and central nervous system damage.

Examples of VOCs often found in indoor air:

Formaldehyde

A known carcinogen found in older insulation, furniture, carpet, glue and tobacco smoke. Leads to burning in your throat, watery eyes, nausea, difficulty breathing, and it can bring on asthma attacks.

Mold micro-toxins

These highly carcinogenic VOCs are the by-product of mold infestations (even when they are dead and dried up). They are toxic to humans.

Tobacco smoke

A known carcinogen found to contain more than 400 chemicals and gasses.

Methylene chloride

A known carcinogen found in aerosol paint and solvent causes symptoms associated with carbon monoxide.

Ammonia

Originate from cleaning products and litter boxes, these VOCs cause eye and skin irritation, nose bleeding and sinus problems.

Chemicals have replaced bacteria and virus as the main threat to human health in western industrial nations